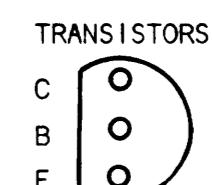


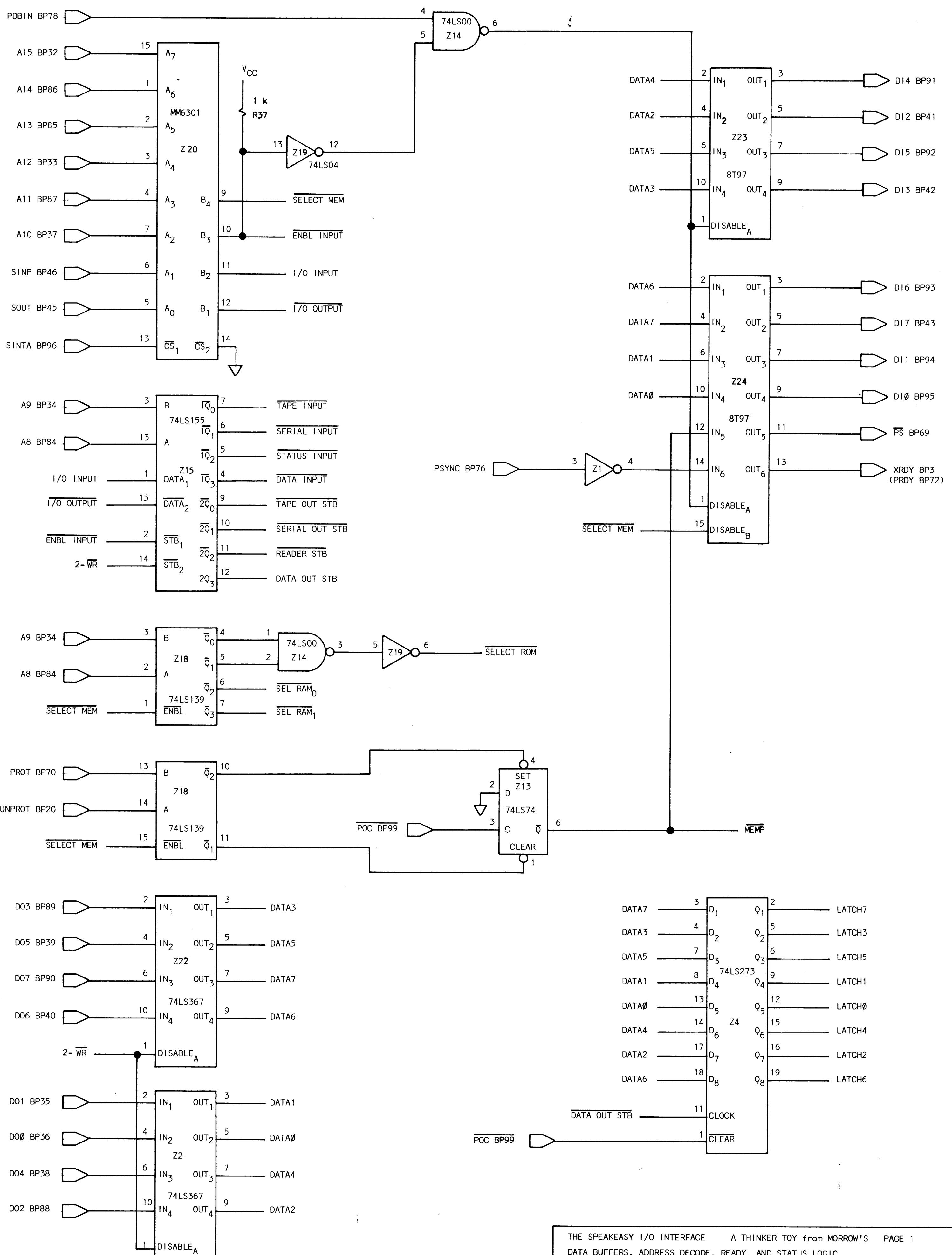
R1	47	kΩ	R22	47	kΩ	C1	.01	μfd	C22	by-pass
R2	24	Ω	R23	1.5	"	C2	.01	"	C23	by-pass
R3	47	kΩ	R24	3.3	"	C3	.01	"	C24	by-pass
R4	24	Ω	R25	3.3	"	C4	.1	"	C25	by-pass
R5	47	kΩ	R26	27	"	C5	.82	"	C26	by-pass
R6	24	Ω	R27	27	"	C6	.001	"	C27	by-pass
R7	1	kΩ	R28	240	Ω ½W	C7	.01	"	C28	by-pass
R8	4.7	"	R29	470	" 1W	C8	.82	"		
R9	4.7	"	R30	470	" 1W	C9	.39	"		
R10	4.7	"	R31	1	kΩ	C10	.39	"	CR1	1N914/4820-0201
R11	4.7	"	R32	1	"	C11	.39	"	CR2	"
R12	15	"	R33	1	"	C12	by-pass		CR3	"
R13	15	"	R34	1	"	C13	by-pass		CR4	"
R14	15	"	R35	1	"	C14	by-pass		CR5	"
R15	10	"	R36	1	"	C15	by-pass		CR6	"
R16	10	"	R37	1	"	C16	by-pass		CR7	"
R17	22	"	R38	240	Ω ½W	C17	by-pass		CR8	non-existent
R18	330	"	R39	"	" "	C18	by-pass		CR9	1N4742 12V 1W
R19	1	"				C19	by-pass		CR10	"
R20	3.3	"				C20	by-pass		CR11	1N4585
R21	4.7	"				C21	by-pass			

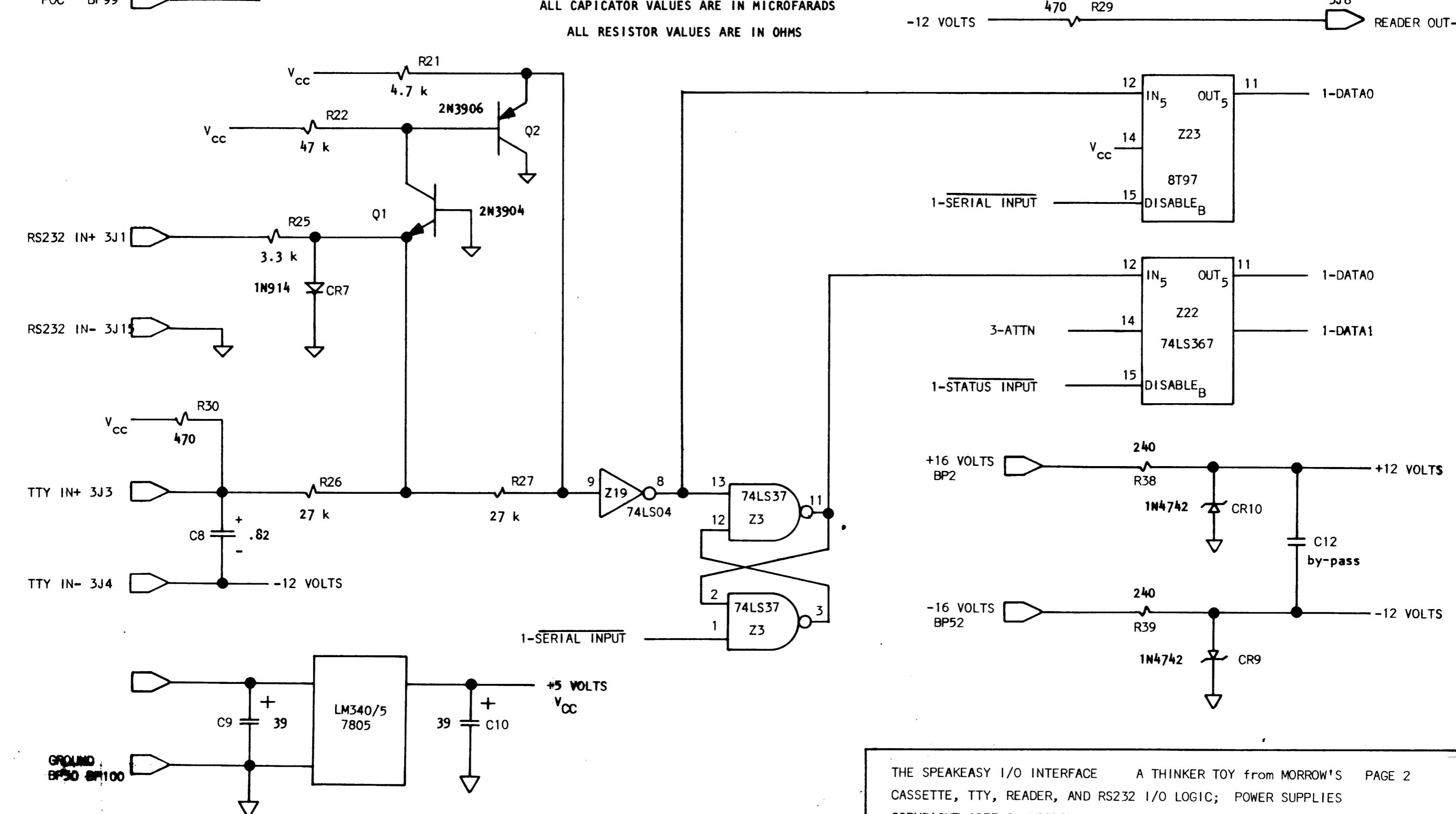
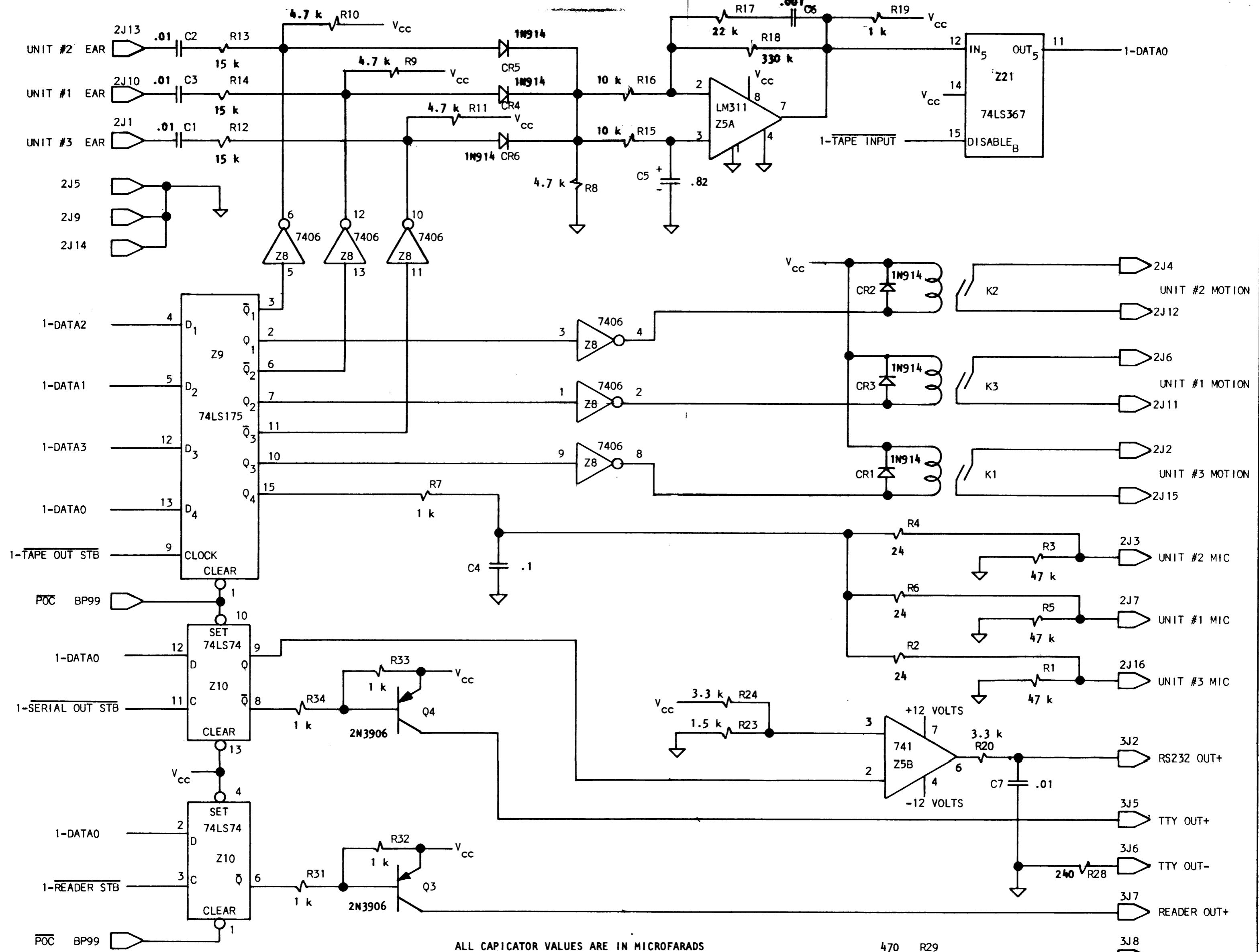
K1	Gordos	761A52	Z12	2112/5039927 INTEL
			Z13	74LS74
			Z14	74LS00
			Z15	74LS155
			Q1	2N3904
			Q2	2N3906
			Q3	2N3906
			Q4	2N3906
			Z16	6306-1 MONOLITHIC MEMORIES
			Z17	C6 6306-1
			Z18	74LS139
			Z19	74LS04
			Z20	6301-1 MONOLITHIC MEMORIES
			Z21	74LS367
			Z22	74LS367
			Z23	8T97 SIGNETICS
			Z24	8T97
			Z25	LM311
			Z26	741
			Z27	2112/5039927 INTEL
			Z28	7406
			Z29	74LS175
			Z30	74LS74
			Z31	2112/5039927 INTEL

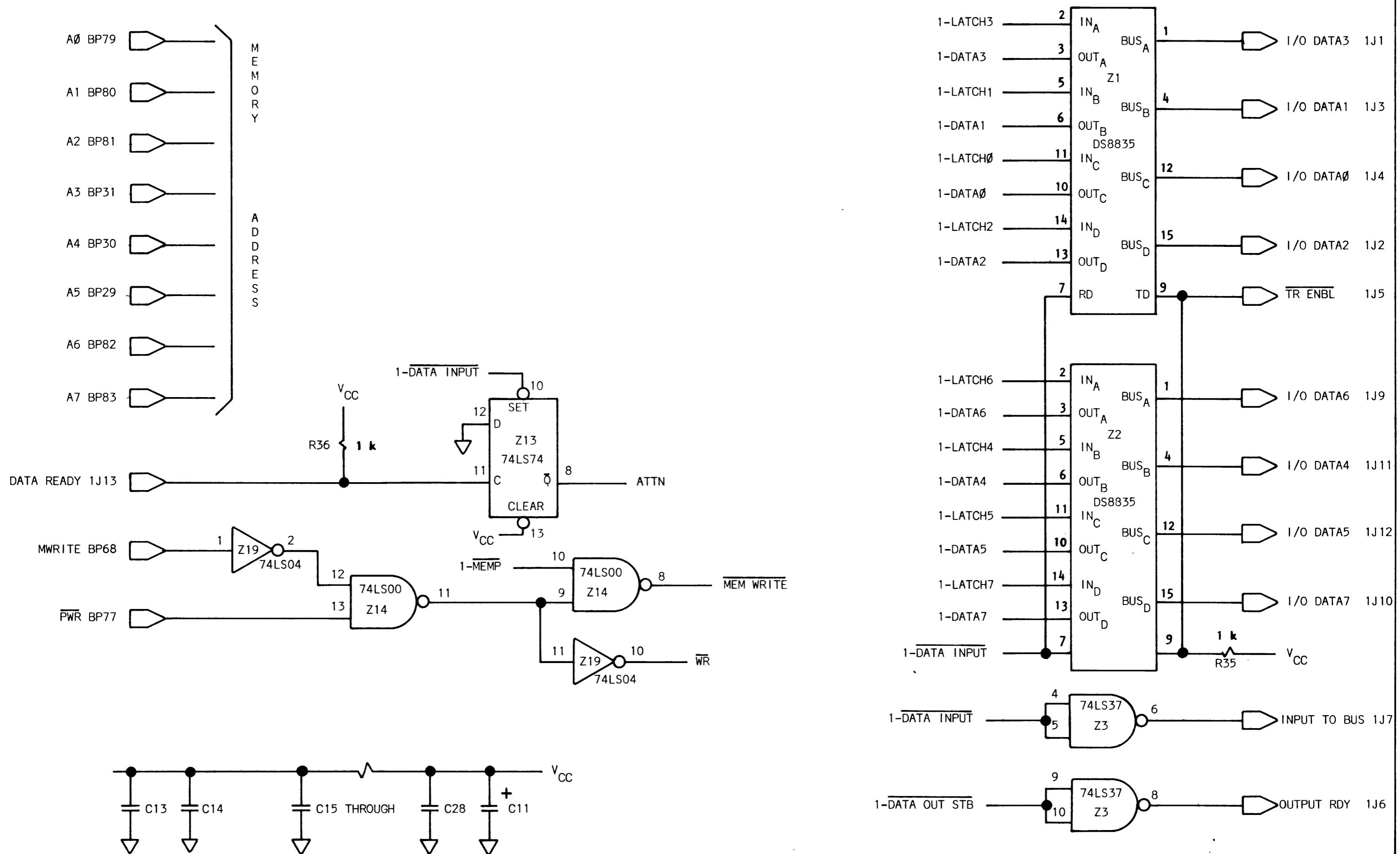
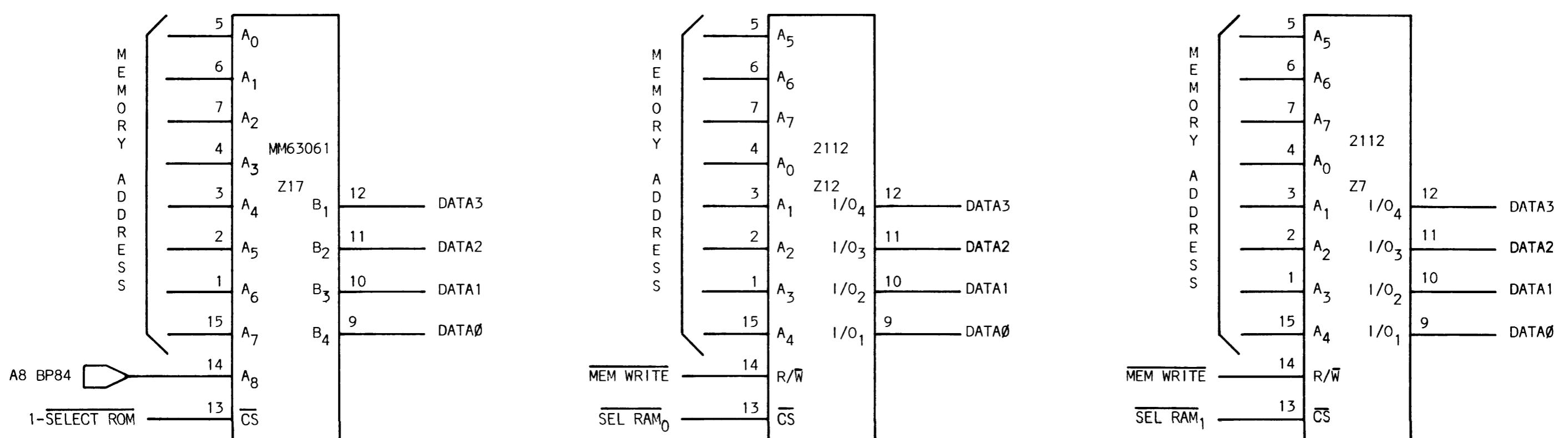
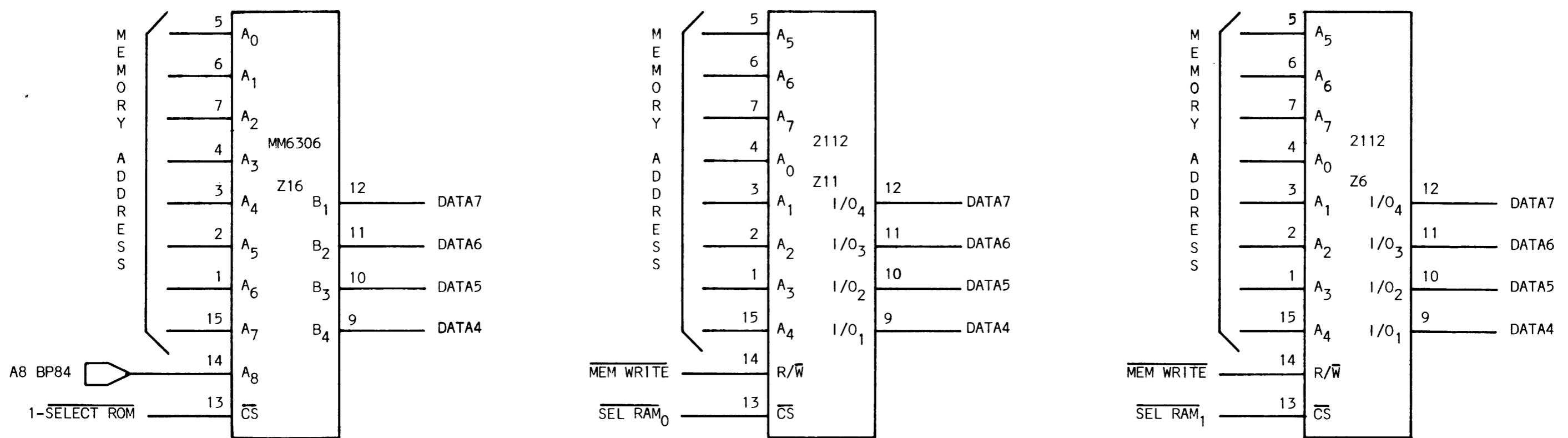
by-pass capacitors vary from kit to kit
from .01 μfd to .1 μfd

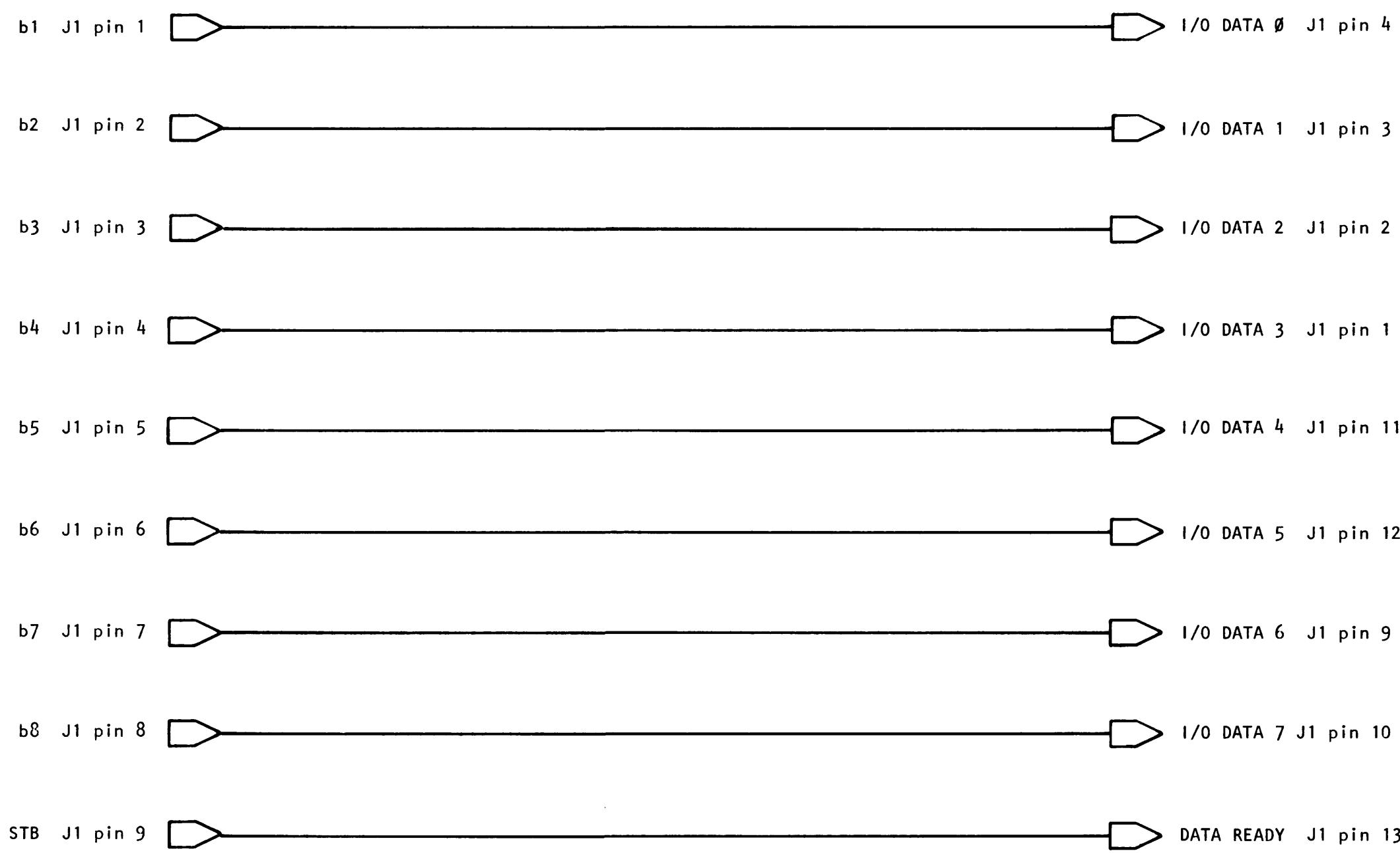


BOTTOM VIEW

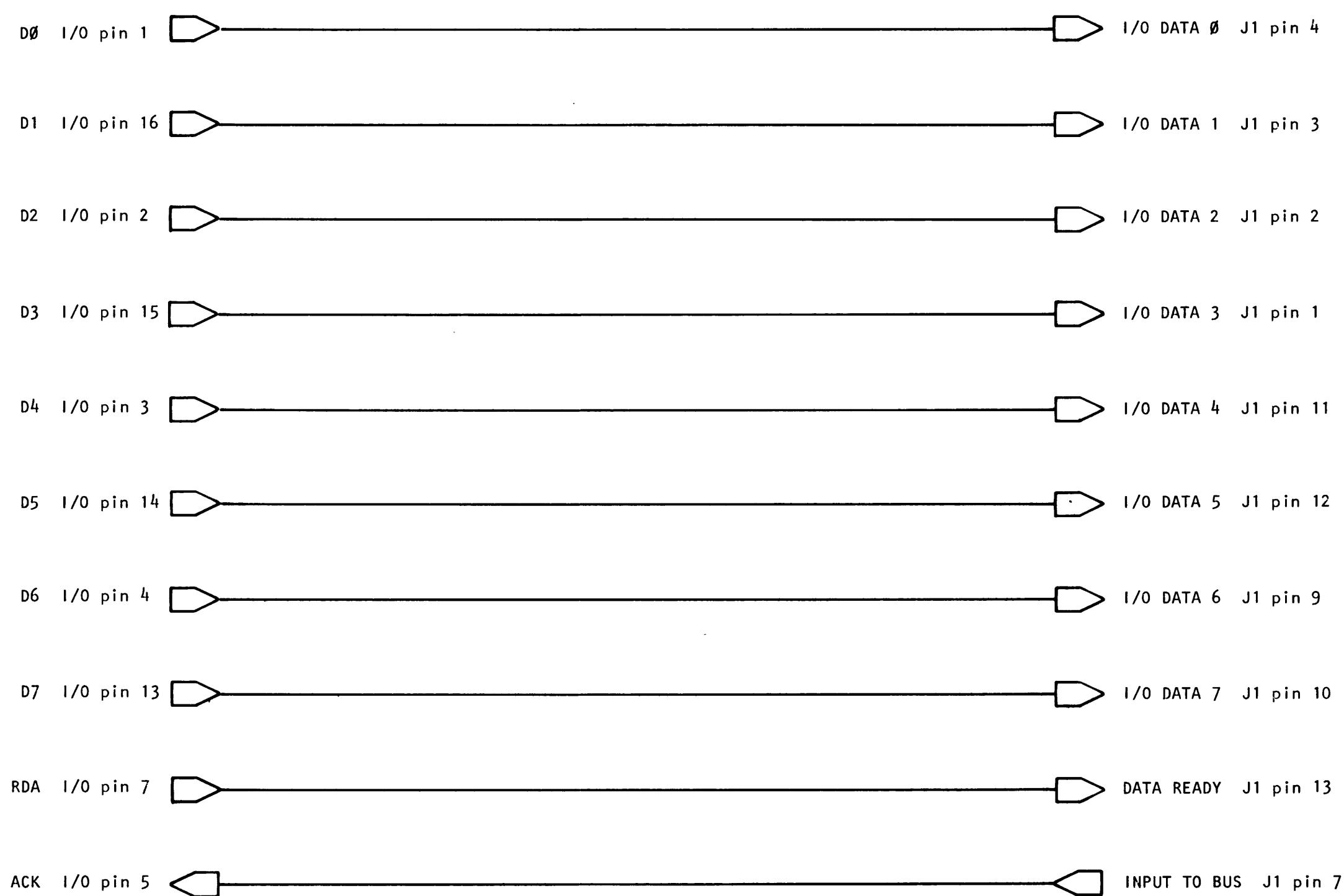








CHERRY "PRO" KEYBOARD INTERFACE EXAMPLE



OLIVER PAPER TAPE READER INTERFACE EXAMPLE

